

Patent Abstracts of Japan

PUBLICATION NUMBER : 06121695  
PUBLICATION DATE : 06-05-94

APPLICATION DATE : 13-10-92  
APPLICATION NUMBER : 04313896

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INT.CL. : C12P 21/08 G01N 33/53 G01N 33/577 // C07K 15/28 C12N 15/08 (C12P 21/08 , C12R 1:91 )

TITLE : ANTIHUMAN MANNOSE BINDING PROTEIN MONOCLONAL ANTIBODY AND ITS UTILIZATION

ABSTRACT : PURPOSE: To obtain a new antibody useful for determining a mannose-binding protein in blood and its hydrolyzate.

CONSTITUTION: The objective antihuman mannose-binding monoclonal antibody is capable of recognizing the mannose-binding site in a human mannose-binding protein. This antibody is obtained by providing a hybridoma capable of producing an antihuman myelin basic protein (MBP) antibody from a splenic cell prepared from the spleen in a mouse immunized with a purified human MBP and a cell PSU1 of an 8-azaguanine-resistant myeloma and culturing (in vitro proliferation) of the resultant hybridoma.

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